

ABSTRACT

1 An aircraft radio antenna assembly including a mast; an
2 omni-directional antenna connected to a first end of the
3 mast; and a pivot and movable latch connection system at
4 a second end of the mast. When the pivot and latch
5 connection system is attached to an aircraft, the mast
6 can be located at a stowed position or pivoted up to a
7 deployed position and latched into the deployed position.
8 The assembly can also include a break-away system to
9 allow part of the antenna assembly to detach without
10 significantly damaging the antenna assembly.